

SEQUENCE LISTING

<110> BIOMIRA INC. et al.

<120> IMMUNOSTIMULATORY, COVALENTLY LIPIDATED OIGONUCLEOTIDES

<130> JIANG=4A PCT

<140> PCT/CA03/00135

<141> 2003-02-04

<150> 60/353,195

<151> 2002-02-04

<160> 12

<170> PatentIn version 3.3

<210> 1

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthesizable sequence, corresponds to 128H described in Cheng et al.
USP 5,646,126

<400> 1

cacacacgtgtg

10

<210> 2

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized peptide shown in Fig. 17 BP1-148

<400> 2

Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg
1 5 10 15

Pro Ala Pro Gly Ser Thr Ala Pro Pro
20 25

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthesizable activating sequence, shown in Fig. 1

<400> 3

ggtgcatcga tgcagggggg

20

<210> 4
<211> 10
<212> PRT
<213> Leishmani major

<400> 4

Glu Ala Glu Glu Ala Ala Arg Leu Gln Ala
1 5 10

<210> 5
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<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 repeat consensus sequence

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Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala Gln Thr Ala His Gly Val
1 5 10 15

Thr Ser Ala Pro Asp Glu Thr Ser Arg
20 25

<210> 6
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<213> Artificial Sequence

<220>
<223> MUC1 fragment

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Pro Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr
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<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 fragment

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Thr Leu Ala Pro Ala Thr Glu Pro Ala
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<210> 8
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<212> PRT
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<220>
<223> MUC1 fragment

<400> 8

Ala Leu Gly Ser Thr Ala Pro Pro Val
1 5

<210> 9
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<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 fragment

<400> 9

Phe Leu Ser Phe His Ile Ser Asn Leu
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<210> 10
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<212> PRT
<213> Artificial Sequence

<220>
<223> MUC1 repeat

<400> 10

Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala
1 5 10 15

Pro Pro Ala His
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<210> 11
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthesized peptide shown in Fig. 17 as intermediate

<220>

<221> misc_feature
<222> (27)..(27)
<223> Lys is modified by a palmitoyl group

<400> 11

Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Pro Asp Thr
1 5 10 15

Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Lys Gly
20 25

<210> 12
<211> 12
<212> PRT
<213> Plasmodium falciparum

<400> 12

Asn Ala Asn Pro Asn Ala Asn Pro Asn Ala Asn Pro
1 5 10